PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Frederic LAMARQUE | 11/07/2011 |

RECEIVING PARTY DATA

| Name: | ALSTOM TECHNOLOGY LTD | | |
|-----------------|------------------------|--|--|
| Street Address: | Brown Boveri Strasse 7 | | |
| City: | Baden | | |
| State/Country: | SWITZERLAND | | |
| Postal Code: | CH-5400 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13250132 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 1033275-000620

NAME OF SUBMITTER: Patrick C. Keane

Total Attachments: 2 source=ASSIGN#page1.tif source=ASSIGN#page2.tif

> PATENT REEL: 027569 FRAME: 0353

OP \$40.00 1325013

ASSIGNMENT

(SOLE)

| THIS A: referred to as "ti | SSIGNME he Assign | NT, by <u>Frederic LAMARQUE</u> , res or"), respectively, witnesseth: | iding at Montmorency, France (hereinafter |
|---|---|---|--|
| WHERE MODIFYING A S which is a | EAS, the A STEAM T | assignor has invented certain new URBINE set forth in an application | and useful improvements in METHOD OF of for Letters Patent of the United States, |
| (1) | ☐ provi | sional application | |
| | (a) 🗌 | bearing Application No. | , and filed on; |
| | (b) | to be filed herewith; or | 7 |
| (2) | ⊠ non-j | provisional application | |
| 1 | (a) 🖂 | bearing Application No. 13/250, | 132, and filed on <u>September 30, 2011;</u> |
| ł | (b) | | ecuted on even date herewith prior to |
| (| (c) \square | having an oath or declaration ex Assignment; and | ecuted on a different date than this |
| CH-5400 Baden, entire right, title, and the entire rig Letters Patent of | Switzerla Switzerla and intere ht, title an the United | ind and having a principal place on the control of | tration duly organized under and pursuant of business at <u>Brown Boveri Strasse 7.</u> Assignee"), is desirous of acquiring the ght to file applications on said inventions ns, including provisional applications for g priority to said application, and in and be obtained therefor and thereon. |
| does sell, assign, assigns the entire applications on sa Letters Patent of the and all Letters Parameter of the applications, divisextensions of said Protection of Induand behoof and the end of the term or | transfer, a right, title aid invention the United tent or Pa and thereo ions, contil Letters Patrial Propie use and terms for | and set over, unto the Assignee, it and set over, unto the Assignee, it and interest in and to the above ons and the entire right, title and it states or other countries claiming tents of the United States of Amein, and in and to any and all applications, and continuations-in-partent or Patents, and all rights unperty, the same to be held and enjud behoof of its successors, legal regulations, and all rights unperty, the same to be held and enjud behoof of its successors, legal regulations. | eration, the receipt of which is hereby and set over, and by these presents its successors, legal representatives, and rementioned inventions, the right to file interest in and to any applications for griority to said applications, and any rica and all foreign countries that may be extions claiming priority to said art of said applications, and reissues and der the International Convention for the oyed by the Assignee, for its own use expresentatives, and assigns, to the full may be granted as fully and entirely as had this sale and assignment not been |
| delivery of these p interest in and to the provisional applica | essors, le resents, ti he inventi itions, abo | gai representatives, and assigns, he Assignor is the sole and lawful one set forth in said applications a layer-mentioned, and that the same | owner of the entire right, title, and |
| 1000191100, 110 00000 | 255UIS. 186 | IAL (BDIESENIALIVES) and accione H | covenants and agrees to and with the hat the Assignor will, whenever counsel entatives, and assigns, shall advise that |

(7/06)

PATENT REEL: 027569 FRAME: 0354

Application No. <u>13/250,132</u>
Attorney Docket No. <u>1033275-000620</u>
Page 2 of 2

any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby authorizes and requests the attorneys of Buchanan Ingersoll & Rooney PC to insert in the spaces provided above the title of the invention, filing date, application number, and attorney's docket number of said application when known.

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said invention, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

DATE 7/11/2011

FREDERIC LAMARQUE

PATENT REEL: 027569 FRAME: 0355

RECORDED: 01/20/2012